

Analisa Bevan, Chief
Sustainable Transportation Technologies Branch
California Hydrogen Highway Network
California Air Resources Board

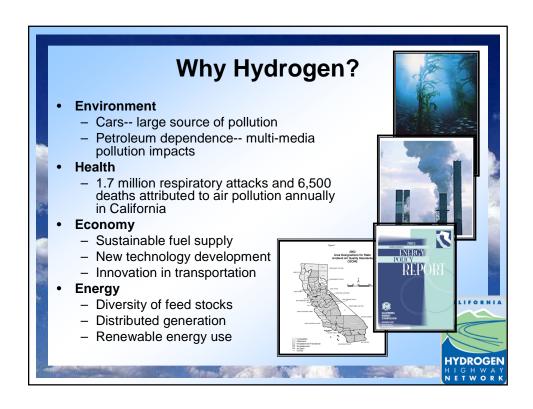
October 28 November 1, 2 & 3, 2005



Overview

- California's Challenges
- Why Hydrogen?
- The California Hydrogen Highway Blueprint Plan
- Senate Bill 76
- Conclusions





California Hydrogen Highway Net Blueprint Plan

- Executive Order S-7-04 formed the Ca H2 Net
- A Blueprint Plan was developed with extensive input from over 200 experts and resulted in:
 - Volume I Report to the Governor and Legislature from the Executive Order Team
 - Volume II Summary of the work of the Advisory Panel and Topic Teams
 - Five Topic Team Reports:
 - Societal Benefits
 - Rollout Strategy
 - Economy
 - Implementation
 - Public Education



The CaH2Net's mission is...

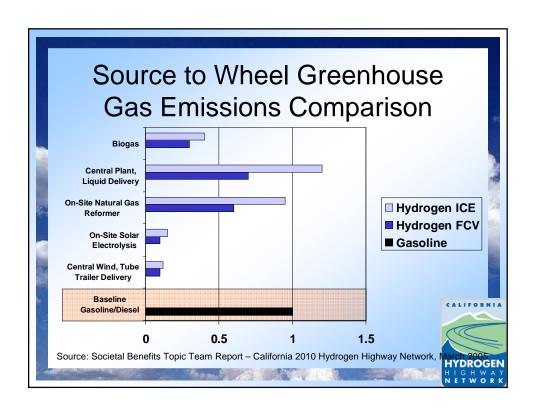
- ... to assure that hydrogen infrastructure is in place to enable fuel cells and other hydrogen technologies to be used by consumers as those technologies reach commercial readiness.
- The CA H2 Net is a key part of California's strategy to achieve the State's vision of a secure energy future that simultaneously addresses our environmental, public health and economic challenges working in partnership with other components of the State's programs to advance energy efficiency and renewable energy.

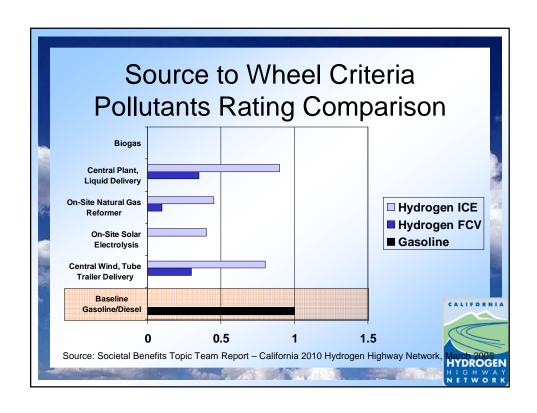
Senate Bill No. 76

- Governor signed SB 76 on July 21, 2005
- Provides \$6.5 million for state-sponsored hydrogen demonstration projects until January 1, 2007
 - Establishment of up to 3 hydrogen fueling station demonstration projects
 - State lease and purchase of hydrogen vehicles
- Hydrogen fuel specifications









Environmental Justice SB 76

- Include buffer zones with sensitive receptors (schools, hospitals residences, etc.)
- Mitigate adverse impacts to affected neighborhoods
- Meet with the Cal/EPA Environmental Justice Advisory Committee

HYDROGEN

Reporting Requirements

- Reports to the Legislature every six months
- Report by December 31, 2006
 - Activity in other states
 - Siting criteria and actual site selection
 - Environmental impacts to communities

The same of the sa

- Business activity impacts



Items to Follow

- Station siting and location criteria
- Vehicle procurement
 - Lease 12 vehicles
 - Purchase of 2 hydrogen ICE shuttle buses
- Public presentations
- Discussion period



